Yes

COMBINED	DECLARATION FOR PATENT A		EPARTMENT OF COMMERCE
	AND POWER OF ATTORNEY	•	and Trademark Office
(Includes Refe	rence to PCT Internation:		
		Atty. Docket No. C	3806.0394
As a below named	inventor, I hereby declar	re that:	
My residence, post off	fice address and citisensl	hip are as stated bel	ow next to my name,
or an original, first	iginal, first and sole inv and joint inventor (if pi is claimed and for which a	lural names are liste	d below) of the
NOVEL TOPOISOMERASI	IV, CORRESPONDING NUCLEO	OTIDE SEQUENCES AND U	SES THEREOF
the specification of v	which:		
is attached heret	co; or		
was filed as well	and character and	rial No	
on	ted States application Ser and was amended	LIGI NO.	
on	(if applicable)	· ·	
	(II approvate)	, 02	
on July 26, 1995	international application, and was amended(if applicable		01
V4	- (ir appromi		
	have reviewed and understing the claims, as amended		
T acknowledge the duty	to disclose to the U.S.	Patent and Wredemark	office
	material to the patentabil		
	ance with Title 37, Code		
	n priority benefits under on(s) for patent or invent		
	tion(s) designating at lea		
	ted below and have also id		
	's certificate or any PC		
_	other than the United State		-
subject matter having is claimed:	a filing date before that	c or the application (s) of which priority
Te cfgimed:			
PRIOR POPETCH /PCM	APPLICATION(S) AND ANY P	STORTING PATALTS VICTAGIS	35 п с с 110•
COUNTRY	APPLICATION NUMBER	DATE OF FILING	PRIORITY CLAIMED
if PCT, indicate PCT)		(day, month, year)	UNDER 35 USC 119
France	94/09288	27 July 1994	XX Yes No
			1 4 4
	•		Yes No
			Yes No
		1	l van va l

Combined Declaration For Patent Application and Power of Attorney (Continued) (includes Refer nce to PCT International Applications)

Atty. Docket No. 03806.0394

I hereby claim the benefit under Title 35, United States Code, \$120 of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to the patentability of claims presented in this application in accordance with Title 37, Code of Federal Regulations, \$1.56 which became available between the filing date of the prior application(s) and the national or PCT international filing date of this application:

PRIOR U.S. APPLICATIONS OR PCT INTERNATIONAL APPLICATIONS DESIGNATING THE U.S. FOR BENEFIT UNDER 35 U.S.C. 120:

U.S.	<u>APPLICATIO</u>	DNS		STATU	s (Check or	16)
U.S. APPLICATION N	UMBER	U	.s. filing pate	PATENTED	PENDING	ABANDONEL
	3-					
PCT APPLICATION	ONS DESIGNAT	ring '	THE U.S.			
PCT APPLICATION NO.			U.S. SERIAL NUMBER ASSIGNED (if any)			

PINNEGAN, HENDERSON, PARABOW, GARRETT & DUNNER, L.L.P. Reg. No. 22,540; Douglas B. Henderson, Reg. No. 20,291; Ford F. Farabow, Jr., Reg. No. 20,630; arthur S. Garrett, Reg. No. 20,338; Donald R. Dunner, Reg. No. 19,073; Brian G. Brunsvold, Reg. No. 22,593; Tipton D. Jennings, IV, Reg. No. 20,645; Jerry D. Voight, Reg. No. 23,020; Laurence R. Hefter, Reg. No. 20,827; Kenneth E. Payne, Reg. No. 23,098; Herbert H. Mintz, Reg. No. 26,691; C. Larry O'Rourke, Reg. No. 26,014 Albert J. Santorelli, Reg. No. 22,610; Michael C. Elmer, Reg. No. 25,857; Richard H. Smith, Reg. No. 20,609; Stephen L. Peterson, Reg. No. 26,325; John M. Romary, Reg. No. 26,331; Bruce C. Zotter, Reg. No. 27,680; Dennis P. O'Reilley, Reg. No. 27,932; Allen M. Sokal, Reg. No. 26,695; Robert D. Bajefsky, Reg. No. 25,387; Richard L. Stroup, Reg. No. 28,478; David W. Hill, Reg. No. 28,220; Thomas L. Irving, Reg. No. 28,619; Charles E. Lipsey, Reg. No. 28,165; Thomas W. Winland, Reg. No. 27,605; Basil J. Lewris, Reg. No. 28,818; Martin I. Fuchs, Reg. No. 28,508; E. Robert Yoches, Reg. No. 30,120; Barry W. Graham, Reg. No. 29,924; Susan Haberman Griffen, Reg. No. 30,907; Richard B. Racine, Reg. No. 30,415; Thomas H. Jenkins, Reg. No. 30,857; Robert E. Converse, Jr., Reg. No. 27,432; Clair X. Mullen, Jr., Reg. No. 20,348; Christopher P. Foley, Reg. No. 31,354; John C. Paul, Reg. No. 30,413; David M. Kelly, Reg. No. 30,953; Kenneth J. Meyers, Reg. No. 25,146; Carol P. Einaudi, Reg. No. 32,220; Walter Y. Boyd, Jr., Reg. No. 31,736; Steven M. Anzalone, Reg. No. 32,095; Jean B. Fordis, Reg. No. 32,984; Barbara C. McCurdy, Reg. No. 32,120; James K. Hammond, Reg. No. 31,964; Richard V. Burgujian, Reg. No. 31,744; J. Michael Jakes, Reg. No. 32,824; Thomas W. Banks, Reg. No. 32,719; M. Paul Barker, Reg. No. 32,013; Bryan C. Diner, Reg. No. 32,409; Christopher P. Isaac, Reg. No. 32,616; Andrew C. Sonu, Reg. No. 33,457; Dirk D. Thomas, Reg. No. 32,600; and

Send Correspondence to: FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P. 1300 I Street, N.W. Washington, D.C. 20005-3315

Direct Telephone Calls to: (name and telephone number) Ernest F. Chapman (202) 408-4000

		ation For Patent Application and Power of Attorney (Contence to PCT International Applications)	inued)
`		Atty. Dock t No. 0	3806.0394
	that all st further the statements under secti	clare that all statements made herein of my own knowledge atements made on information and belief are believed to t these statements were made with the knowledge that will and the like so made are punishable by fine or imprisonm on 1001 of Title 18 of the United States Code, and that ments may jeopardize the validity of the application or	e are true and be true; and lful false ent, or both, such willful
	FULL NAME OF FIRST INVENTOR	Francis Blanche	
	RESIDENCE & CITIZENSHIP	CITY AND STATE OR CITY AND FOREIGN COUNTRY 75019 Paris, France	COUNTRY OF CITIZENSHIP France
	POST OFFICE ADDRESS	41, rue des Solitaires, 75019 Paris, France	
p	FIRST INVENT	OR'S SIGNATURE Francis Blanche	DATE 3/01/97
	FULL NAME OF SECOND INVENTOR	Béatrice CAMERON	
	RESIDENCE & CITIZENSHIP	CITY AND STATE OR CITY AND FOREIGN COUNTRY 75005 Paris, France	COUNTRY OF CITIZENSHIP France
	POST OFFICE ADDRESS	6, rue Tournefort, 75005 Paris, France	
φ	SECOND INVEN	Betwie Cameron	06/01/97
	FULL NAME OF THIRD INVENTOR	Joël CROUZET	
	RESIDENCE &	CITY AND STATE OR CITY AND FOREIGN COUNTRY 92330 Sceaux, France	COUNTRY OF CITIZENSHIP France
	POST OFFICE ADDRESS	12 rue Michel Voisin, 92330 Sceaux, France	<u> </u>
9	THIRD INVENT	Jil hough	DATE

/XX/Yes

	ence to PCT International Applications) Atty. Docket No.	. 03806.0394
FULL NAME OF FOURTH INVENTOR	Alain FAMECHON	
RESIDENCE & CITIZENSHIP	CITY AND STATE OR CITY AND FOREIGN COUNTRY 91510 Janville-sur-Juine, France	COUNTRY OF CITIZENSHIP France
POST OFFICE ADDRESS	10, rue Bouray-sur-Juine, 91510 Janville-sur-Juine, France	
FOURTE INVEN	FAME CHON Alain	y DATE 6/01/94
FULL NAME OF FIFTE INVENTOR	Lucia FERRERO	
RESIDENCE & CITIZENSHIP	CITY AND STATE OR CITY AND FOREIGN COUNTRY 75013 Paris, France	COUNTRY OF CITIZENSHIP Italy
POST OFFICE ADDRESS	60, avenue des Gobelins, 31 Rue Al Ibuchara - 75013 Paris, France 75013 Paris Product.	
FIFTE INVENT	OR'S SIGNATURE	y DATE 6/01/97.
FULL NAME OF SIXTH INVENTOR		
RESIDENCE & CITIZENSHIP	CITY AND STATE OR CITY AND FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
POST OFFICE ADDRESS		
SIXTH INVENT	OR'S SIGNATURE	DATE

Listing	of	Inventors	Continued	on	attached	page(s)		//Yes	/XX/No
					1	Page 4 of	4	•	

SUPPLEMENTAL COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

(Includes Reference to PCT International Applications)

Atty. Docket No. 03806.0394

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

NOVEL TOPOISOMERASE IV, CORRESPONDING NUCLEOTIDE SEQUENCES AND USES THEREOF

the specification of which:

is attached hereto; or

was filed as United States application Serial No. on January 24, 1997, and was amended on <u>January 24, 1997</u> (if applicable); or

was	s file	ed as	B PCT	interna	ational	application	Number	PCT/FR95/01001
on	July	26,	1995,	and wa	as amend	ied		
on					(i	f applicable;		

- I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.
- I acknowledge the duty to disclose to the U.S. Patent and Trademark Office information which is material to the patentability of claims presented in this application in accordance with Title 37, Code of Federal Regulations, §1.56.
- I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:

PRIOR FOREIGN/PCT	APPLICATION(S) AND ANY P	RIORITY CLAIMS UNDER	35 U.S.C. 119:
COUNTRY	APPLICATION NUMBER	DATE OF FILING	PRIORITY CLAIM
(if PCT, indicate PCT)		(day, month, year)	UNDER 35 USC 1
France	94/09288	27 July 1994	XX Yes 1
		<u> </u>	Yes 1
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		<u> </u>	Y s
	l ·	<u> </u>	Yes

Combined Declaration For Patent Application and Power of Attorney (Continued) (includes Reference to PCT International Applications)

Atty. Docket No. 03806.0394

I hereby claim the benefit under Title 35, United States Code, \$120 of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to the patentability of claims presented in this application in accordance with Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application(s) and the national or PCT international filing date of this application:

PRIOR U.S. APPLICATIONS OR PCT INTERNATIONAL APPLICATIONS DESIGNATING THE U.S. FOR BENEFIT UNDER 35 U.S.C. 120:

U.S. APPLICATI	IONS		STATUS	Check or	ie)
U.S. APPLICATION NUMBER		.s. FILING DATE	PATENTED	PENDING	ABANDONE
PCT APPLICATIONS DESIGNA	ATING	THE U.S.			
PCT APPLICATION NO. PCT FILING	DATE	U.S. SERIAL NUMBER ASSIGNED (if any)			

FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P. Reg. No. 22,540; Douglas B. Henderson, Reg. No. 20,291; Ford F. Farabow, Jr., Reg. No. 20,630; Arthur S. Garrett, Reg. No. 20,338; Donald R. Dunner, Reg. No. 19,073; Brian G. Brunsvold, Reg. No. 22,593; Tipton D. Jennings, IV, Reg. No. 20,645; Jerry D. Voight, Reg. No. 23,020; Laurence R. Hefter, Reg. No. 20,827; Kenneth E. Payne, Reg. No. 23,098; Herbert H. Mintz, Reg. No. 26,691; C. Larry O'Rourke, Reg. No. 26,014 Albert J. Santorelli, Reg. No. 22,610; Michael C. Elmer, Reg. No. 25,857; Richard H. Smith, Reg. No. 20,609; Stephen L. Peterson, Reg. No. 26,325; John M. Romary, Reg. No. 26,331; Bruce C. Zotter, Reg. No. 27,680; Dennis P. O'Reilley, Reg. No. 27,932; Allen M. Sokal, Reg. No. 26,695; Robert D. Bajefsky, Reg. No. 25,387; Richard L. Stroup, Reg. No. 28,478; David W. Hill, Reg. No. 28,220; Thomas L. Irving, Reg. No. 28,619; Charles E. Lipsey, Reg. No. 28,165; Thomas W. Winland, Reg. No. 27,605; Basil J. Lewris, Reg. No. 28,818; Martin I. Fuchs, Reg. No. 28,508; E. Robert Yoches, Reg. No. 30,120; Barry W. Graham, Reg. No. 29,924; Susan Haberman Griffen, Reg. No. 30,907; Richard B. Racine, Reg. No. 30,415; Thomas H. Jenkins, Reg. No. 30,857; Robert E. Converse, Jr., Reg. No. 27,432; Clair X. Mullen, Jr., Reg. No. 20,348; Christopher P. Foley, Reg. No. 31,354; John C. Paul, Reg. No. 30,413; David M. Kelly, Reg. No. 30,953; Kenneth J. Meyers, Reg. No. 25,146; Carol P. Einaudi, Reg. No. 32,220; Walter Y. Boyd, Jr., Reg. No. 31,738; Steven M. Anzalone, Reg. No. 32,095; Jean B. Fordis, Reg. No. 32,984; Barbara C. McCurdy, Reg. No. 32,120; James K. Hammond, Reg. No. 31,964; Richard V. Burgujian, Reg. No. 31,744; J. Michael Jakes, Reg. No. 32,824; Thomas W. Banks, Reg. No. 32,719; M. Paul Barker, Reg. No. 32,013; Bryan C. Diner, Reg. No. 32,409; Christopher P. Isaac, Reg. No. 32,616; Andrew C. Sonu, Reg. No. 33,457; Dirk D. Thomas, Reg. No. 32,600; and _

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Washington, D.C. 20005-3315

Direct Telephone Calls to: (name and telephone number) Ernest F. Chapman (202) 408-4000 Combined Declaration For Patent Application and Power of Attorney (Continued) (includes Reference to PCT International Applications)

Atty. Docket No. 03806.0394

I hereby declare that all statements made h rein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonm nt, or both, under section 1001 of Title 18 of the United Stat s Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

	FULL NAME OF FIRST INVENTOR	Francis BLANCHE	
•	RESIDENCE & CITIZENSHIP	CITY AND STATE OR CITY AND FOREIGN COUNTRY 75019 Paris, France	COUNTRY OF CITIZENSHIP France
	POST OFFICE ADDRESS	41, rue des Solitaires, 75019 Paris, France	
	FIRST INVENT	or's signature Frances Blanche	DATE 5 Feb. 1997
	FULL NAME OF SECOND INVENTOR	Béatrice CAMERON	
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	POST OFFICE ADDRESS	6, rue Tournefort, 75005 Paris, France	
	SECOND INVEN	Bestrice Campon	DATE 4 FEB 1997
	FULL NAME OF THIRD INVENTOR	Joël CROUZET	
	RESIDENCE & CITIZENSHIP	CITY AND STATE OR CITY AND FOREIGN COUNTRY 92330 Sceaux, France	COUNTRY OF CITIZENSHIP France
	POST OFFICE ADDRESS	12 rue Michel Voisin, 92330 Sceaux, France	
	THIRD INVENT	Tiel Louge	DATE 4 Feb 1337

FULL NAME	Acty. Docke	t No. 03806.0394
OF FOURTH INVENTOR	Alain FAMECHON	
RESIDENCE & CITIZENSHIP	CITY AND STATE OR CITY AND FOREIGN COUNTRY 91510 Janville-sur-Juine, France	COUNTRY OF CITIZENSHIP France
POST OFFICE ADDRESS	10, rue Bouray-sur-Juine, 91510 Janville-sur-Juine, France	
FOURTH INVE	Hain Famechon.	DATE 4/03/57
FULL NAME OF FIFTH INVENTOR	Lucia FERRERO	
RESIDENCE & CITIZENSHIP	CITY AND STATE OR CITY AND FOREIGN COUNTRY 75013 Paris, France	COUNTRY OF CITIZENSHIP Italy
POST OFFICE ADDRESS	31, Rue Abel Hovelacque, 75013 Paris, France	
1 /	OB'S SIGNATURE	DATE X 3/03/95
FULL NAME OF SIXTH INVENTOR		
RESIDENCE &	CITY AND STATE OR CITY AND FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
POST OFFICE ADDRESS		
CTVMII TANIMAN	OR'S SIGNATURE	DATE